

		Results
6.	((((pub-date > 1959 and pub-date < 2002 and FULL-TEXT(violation) and FULL-TEXT(symptom)) and solution) and circuit) and database) and design) and specification [All Sources(- All Sciences -)]	12
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2.	(pub-date > 1959 and pub-date < 2002 and FULL-TEXT(violation) and FULL-TEXT(symptom)) and solution [All Sources(- All Sciences -)]	965
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#6	((((((violation<and>symptom<or>defect<and>solution) <and> (pyr >= 1951 <and> pyr <= 2001)) <and> ((specification<and>circuit<and>design<and>database) <and> (pyr >= 1951 <and> pyr <= 2001))<and>list)) <AND> configuration))	75
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#8	((((((violation<and>symptom<or>defect<and>solution) <and> (pyr >= 1951 <and> pyr <= 2001)) <and> ((specification<and>circuit<and>design<and>database) <and> (pyr >= 1951 <and> pyr <= 2001))<and>list)) <and> configuration)<AND>e-cad))	0


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1 Abstract Classical treatment of consistency **violations** is to back out a database operation or speaking, in a first phase one observes the **symptoms** through which the inconsistency makes itself constraints this clearly is an unsatisfactory **solution**. Instead, if a **violation** is detected the user pi3.informatik.uni-mannheim.de/publications/tods91.ps

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and boundary checking on arrays avoid memory **violation** assertions favor early error detection at as possible. Diagnosis traces the detected fault **symptom** back to the cause, and repair takes measures to

1. Introduction Current fault management **solutions** have two typical features: They are

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